



United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS AND MOTION PICTURES *

NOVEMBER 1955

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FARMERS' BULLETINS

Milk goats. C. G. Potts and V. L. Simmons. Agricultural Research Service. 38 p., illus. (F 920, rev.) Price 15¢.

This revised bulletin gives information on raising goats for milk production. Much interest in this industry has been manifested in this country for the past several years.

Breeds of swine. John H. Zeller. Agricultural Research Service. 14 p., illus. (F 1263, rev.) Price 10¢.

The purpose of this revised bulletin is to present the most important features of the principal breeds of swine in this country, and the relationship of purebreds to the commercial swine industry.

LEAFLETS

Cecal coccidiosis of chickens: How to control it. Everett E. Wehr. Agricultural Research Service. Folder, illus. (L 393.) Price 10¢.

Cecal coccidiosis is a common and serious disease of chickens. Control and preventive measures are given in this folder.

Automatic livestock waterers. Landy B. Altman. Agricultural Research Service. 8 p., illus. (L 395.) Price 5¢.

Selection, installation, and operation are described herein.

AGRICULTURE HANDBOOKS

Egg grading manual. W. E. Hauver, Jr. and John A. Hamann. Agricultural Marketing Service. 48 p., illus. (AH 75.) Price 35¢. **FOR SALE ONLY.**

This manual was prepared as an aid in teaching beginners as well as experienced egg graders the correct interpretation and application of the United States standards, grades, and weight classes for shell eggs.

Rangeland improvement through seeding and weed control on east slope Sierra Nevada and on southern Cascade mountains. Donald R. Cornelius and M. W. Talbot. Agricultural Research Service and Forest Service. 51 p., illus. (AH 88.) Price 25¢. **FOR SALE ONLY.**

This handbook summarizes results and experience indicating how seeding and weed control can be accomplished in this area.

AGRICULTURE INFORMATION BULLETINS

Electricity on farms in the Eastern Dairy Area of Wisconsin. Joe F. Davis and Sydney D. Staniforth. Agricultural Research Service in cooperation with Wisconsin Agricultural Experiment Station. 31 p., illus. (AB 143.) Price 15¢. **FOR SALE ONLY.**

The study reported here is one of a series of related studies made in different type-of-farming areas. This study was made to analyze the experiences of farmers of the Eastern Dairy Area of Wisconsin in the use of electricity and electrical equipment.

PUBLICATIONS FOR SALE ONLY, SEE HOW TO ORDER ABOVE.

* Compiled by Eleanor W. Clay, Office of Information.

CIRCULARS

Use of film box liners to extend storage life of pears and apples. Fisk Gerhardt. Agricultural Marketing Service. 28 p., illus. (C 965.) Price 25¢.

This publication presents information developed during the last five years on the packing of pears and apples in various kinds of sealed plastic films.

Overwintering, spring emergence and host synchronization of two egg parasites of the beet leafhopper in southern Idaho. Charles F. Henderson. Agricultural Research Service. 16 p., illus. (C 967.) Price 15¢. **FOR SALE ONLY.**

This circular reports studies on the time and duration of this emergence period, and its synchronization with oviposition of the overwintering brood of the beet leafhopper in the spring.

Parasitization of the beet leafhopper in relation to its dissemination in southern Idaho. Charles F. Henderson. Agricultural Research Service. 16 p., illus. (C 968.) Price 15¢. **FOR SALE ONLY.**

A report on studies made in southern Idaho from 1930 to 1937 to determine the effect of parasitization on the ability of the beet leafhopper to move long distances, and the effect of leafhopper movements on the dissemination and distribution of its parasites.

Classification and use of irrigation waters. L. V. Wilcox. Agricultural Research Service. 19 p., illus. (C 969.) Price 15¢. **FOR SALE ONLY.**

The purpose of this circular is to explain the analysis and classification of irrigation waters and the special problems involved in their use.

Lymphomatosis in chickens. Agricultural Research Service. 17 p., illus. (C 970.) Price 15¢.

The purpose of this circular is to summarize the results of research to date and to provide as much helpful information as possible on this baffling and destructive disease.

The use of aromatic solvents for control of submersed aquatic weeds in irrigation channels. V. F. Bruns, J. M. Hodgson, H. F. Arle, and F. L. Timmons. Agricultural Research Service. 33 p., illus. (C 971.) Price 20¢. **FOR SALE ONLY.**

The purpose of this publication is to consolidate and disseminate information on effectiveness of certain aromatic solvents as waterweed killers and the effect of concentrations of these materials on crop plants and animal life.

An improved moting system for cotton gins. Charles M. Merkel and Vernon P. Moore. Agricultural Research Service. 23 p., illus. (C 974.) Price 15¢. **FOR SALE ONLY.**

Work is reported in this new bulletin on improving the effectiveness of the various machines to obtain more cleaning without causing fiber damage.

MARKETING RESEARCH REPORTS

Possibilities for expanding the market for sugarcane bagasse. George H. Goldsborough and Kenneth E. Anderson. Agricultural Marketing Service. 83 p., illus. (MRR 95.) Price 45¢. **FOR SALE ONLY.**

Prospective demand for meat and livestock in the South. Agricultural Marketing Service in cooperation with State Agricultural Experiment Stations of the southern region. 78 p., illus. (MRR 99.) Price 30¢. **FOR SALE ONLY.**

The auction marketing of flue-cured tobacco. A preliminary appraisal. Clarence I. Hendrickson. Agricultural Marketing Service. 54 p., illus. (MRR 101.) Price 35¢. **FOR SALE ONLY.**

Merchandising winter pears in retail food stores. Hugh M. Smith, Wendell E. Clement, and William S. Hoofnagle. Agricultural Marketing Service. 17 p., illus. (MRR 102.) Price 25¢. **FOR SALE ONLY.**

TECHNICAL BULLETINS

The acute toxicity of chlorinated hydrocarbon and organic phosphorus insecticides to livestock. R. D. Radeleff, George T. Woodard, W. J. Nickerson, and R. C. Bushland. Agricultural Research Service. 46 p. (T 1122.) Price 20¢. **FOR SALE ONLY.**

The result of investigations on the toxicity of certain insecticides for the control of parasites feeding on animals is given here.

Gypsy moth appraisal program and proposed plan to prevent spread of the moths. C. C. Perry. Agricultural Research Service. 27 p., illus. (T 1124.) Price 15¢. **FOR SALE ONLY.**

This bulletin is an appraisal of the gypsy moth problem and also reports a plan for preventing the spread of the gypsy moth to uninfested areas and protecting presently infested areas.

Reproduction and establishment of velvet mesquite as related to invasion of semidesert grasslands. George E. Glendening and Harold A. Paulsen, Jr. Forest Service. 50 p., illus. (T 1127.) Price 25¢. **FOR SALE ONLY.**

As a partial solution to the broad problem of mesquite invasion, this paper presents information on the reproduction and establishment of velvet mesquite on former grassland sites.

Seasonal changes in Arizona and California grapefruit. G. L. Rygg and M. R. Getty. Agricultural Marketing Service. 44 p., illus. (T 1130.) Price 20¢. **FOR SALE ONLY.**

The work reported herein was undertaken to compare some of the methods of relating objective measurements to palatability as applied to Arizona and California grapefruit.

Effects of agronomic factors on the rutin content of buckwheat. Agricultural Research Service. 50 p., illus. (T 1132.) Price 25¢. **FOR SALE ONLY.**

The effects of age of plants, date of planting, rate of seeding, fertilizer, and manner of harvesting on the production of rutin and dry matter—are reported in this bulletin.

OTHER PUBLICATIONS

Agricultural outlook charts, 1956. Agricultural Marketing Service and Agricultural Research Service. 88 p., illus. Price 55¢. **FOR SALE ONLY.**

Foreign agricultural situation: Trading in competitive markets (maps and charts.) Foreign Agricultural Service. [77] p., illus. Price 45¢. **FOR SALE ONLY.**

Olive industry in lower California, Mexico. J. Henry Burke. Foreign Agricultural Service. 17 p., illus. (FAR 85.)

Production of manufactured dairy products, 1954. W. D. Bormuth, R. J. Wagner, and Jessie M. Cooley. Agricultural Marketing Service. [46] p. (SB 167.) Price 25¢. **FOR SALE ONLY.**

PERIODICALS

Agricultural research. Vol. 4, No. 5, November 1955. Price 15¢ a copy, \$1.00 a year, domestic; \$1.35 a year, foreign. **FOR SALE ONLY.**

Agricultural situation. Vol. 39, No. 11, November 1955. Price 5¢ a copy, 50¢ a year, domestic; 70¢ a year, foreign. **FOR SALE ONLY.**

Agricultural decisions. Vol. 14, No. 9, September 1955. Price of single copy varies depending on size. \$3.00 a year, domestic; \$4.00 a year, foreign. **FOR SALE ONLY.**

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Bibliography of agriculture. Vol. 19, No. 11, November 1955. Single copies vary in price. \$8.00 a year, domestic; \$9.50 a year, foreign. **FOR SALE ONLY.**

Extension service review. Vol. 26, No. 11, November 1955. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign. **FOR SALE ONLY.**

Foreign agriculture. Vol. XIX, No. 11, November 1955. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign. **FOR SALE ONLY.**

News for farmer cooperatives, Vol. 22, No. 8, November 1955. Price 10¢ a copy, \$1.00 a year, domestic; \$1.50 a year, foreign. **FOR SALE ONLY.**

Rural lines. Vol. 2, No. 6, November 1955. Price 15¢ a copy, \$1.50 a year, domestic; \$2.00 a year, foreign. **FOR SALE ONLY.**

Soil conservation. Vol. XXI, No. 4, November 1955. Price 15¢ a copy, \$1.25 a year, domestic; \$1.75 a year, foreign. **FOR SALE ONLY.**

MOTION PICTURES

The Motion Picture Service, Office of Information, U. S. Department of Agriculture, produces and distributes motion pictures on subjects with which the Department is concerned. They are both sound and silent and are released in 16-mm. and 35-mm. widths. Films in the 16-mm. size are available from State film libraries; 35-mm. films are available only from Motion Picture Service. They are lent for educational purposes to groups and organizations or may be purchased outright. Prints of Department films may be obtained from 75 cooperating film libraries in the 48 States, the District of Columbia, and the Territories of Alaska, Hawaii, and Puerto Rico.

BETTER SEEDS FOR BETTER GRASSLANDS. 16 mm., sound, in color. Running time 31 minutes. Released 1955.

This is a story of the breeding and release of better legume and grass varieties for grassland improvement. It begins with the work of the plant breeders and the testing that precedes the release of an improved variety. Then it shows the long process of increasing seed supplies by successive stages from a small handful of breeder seed to the immense quantities of Certified seed needed for planting by farmers. The film describes the activities of the Foundation Seed Project and the extreme care that is taken all along the line from the breeder's laboratory to the farmer to make sure that seed of the new varieties is good seed—true to name and variety. It emphasizes the part that improved varieties, under proper management, can play in making our grasslands provide a better standard of living for our people now and in the future.

A film primarily for farmers, this picture is National in scope and should have something of interest for general audiences wherever grasses and clovers are important in agriculture. (Available for loan from State College film libraries in major grassland states and for purchase from United World Films, Inc., 1445 Park Avenue, New York 29, N. Y., \$145.62.)

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